

Sealant compsn. for bearing giving improved hardness and elasticity - comprising synthetic rubber, thermoplastic elastomer, synthetic resin and boron nitride

Patent Assignee: UCHIYAMA KOGYO KK

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The compsn. comprises (a) nitrile rubber, acrylic rubber, fluorine rubber, silicone rubber, epichlorohydrin rubber etc. oil-resistant and heat-resistant rubber or a thermoplastic elastomer (e.g. TPE) or a synthetic resin and (b) **boron nitride** are shaped into a cylindrical article using an extruder or a shaping mould, and then this article is cut with a knife to a ring-shaped sealant. When compsn. does not contain any **boron nitride**, cutting of the cylindrical article into rings is extremely difficult and the cut ring is often deformed. USE/ADVANTAGE - Due to the addn. of **boron nitride** (b), the hardness and the elasticity of the formed sealant may be improved and also the slidability is improved as the **boron nitride** has activity for lowering the friction coefficient of the sealant. The sealants are esp. useful for miniature bearings, and in particular, when used in a lip part thereof, the durability of the sealed lip is high.